

# COMPACT LED HYGIENIC IOT

GENERAL CARD



## TECHNICAL PARAMETERS

<b>Ingress protection:</b>	IP20
<b>Impact resistance:</b>	IK07
<b>Nominal power [W]:</b>	32.00
<b>Luminous flux [lm]*:</b>	3420
<b>Colour temperature [K] - range:</b>	2700 - 6500
<b>Colour rendering index:</b>	>80
<b>SDCM:</b>	≤ 3
<b>Energy efficiency class:</b>	E
<b>Material of the body:</b>	ABS with the addition of silver ions (2%)
<b>Diffuser material:</b>	PC with the addition of silver ions (2%)
<b>Diffuser type:</b>	PLX
<b>Mounting version:</b>	surface
<b>Dimensions (H/W/T/S) [mm]:</b>	620/620/66;

## CHARACTERISTICS

Compact LED Hygienic IoT is a modified version of the proven COMPACT LED EVO model. The material composition of the diffuser and the body has been enriched with silver ions (2%). Silver ions effectively block the development of pathogens on the luminaire surface and reduce their amount (>99%) over 24 hours of contact. The effectiveness of reducing pathogens is confirmed by the BIOMASTER Certificate. The housing, especially the diffuser, has a slightly straw-colored shade due to the addition of silver ions to the plastic compared to the standard COMPACT LED EVO.

### IoT characteristics

Variants available:

**IoT BT PIR HYT DALI: Bluetooth HYT** module controlled in the Lena Lighting Clue app, **PIR** motion and light sensor, **DALI** driver enabling dimming of the light source.

**IoT BT RCR HYT DALI: Bluetooth HYT** module controlled in the Lena Lighting Clue app, **RCR** motion and light sensor, **DALI** driver enabling dimming of the light source.

## APPLICATION

Is designed for rooms requiring special protection against pathogens, such as hospitals, patient rooms, medical clinics. The luminaire has received a certificate confirming that it is suitable for use in clean rooms with a stated air cleanliness class ISO 3 - 9 according to CLEANROOM ISO 14644-1:2015.

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## AVAILABLE VERSIONS



Click index >>, to see details

Nominal power [W]	Colour temperature [K] - range	Luminous flux [lm]*	Version	Dimensions (H/W/T/S) [mm]	Index
32	2700 - 6500	3420	BT PIR HYT DALI	620/620/66	<a href="#">&gt;&gt; 658846</a>

Card creation date: 25 November 2024

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. \* Parameter tolerance is +/- 10%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 247/2023



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**Compact LED Hygienic IoT - explanation of the different versions:**

The **IoT BT PIR HYT DALI** version has: a built-in **BT HYT** module that allows you to program functions in the Lena Lighting Clue app and control in real time; **PIR** motion and daylight sensor and **DALI** driver for dimming the light source.

The **IoT BT RCR HYT DALI** version has: a built-in **BT HYT** module that allows you to program functions in the Lena Lighting Clue app and control in real time; **RCR** motion and daylight sensor hidden under the shade and **DALI** driver for dimming the light source.